

SITE NUMBER: B-L3-03
LOCAL NAME: Weeden Bottom #2
WRIA: 20.0174E

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Bogachiel **DATE:** 4/4/89 **OBSERVER:** Young

CHANNEL TYPE: Small terrace tributary.

TRIBUTARY TO: Channel B-L3-02 (Bogachiel River - 20.0162)

SITE LOCATION: R.B. @ River mile - 0.0

LEGAL DESCRIPTION: SE1/4 S13 T28N R14W

	UPPER END	LOWER END	RIVER TEMP
<u>WATER TEMP:</u>	48 F	48 F	43 F
<u>FLOW (CFS):</u>	< 0.1	0.25 - 0.5	

SUBSTRATE TYPE: Mostly silt. Small amount of gravel in lower reaches.

SITE SIZE: **Length-** 640 m
 Width- Surface = 2 to 6 ft (Minor ponded areas to 20 ft)
 Channel = 2 to 20 ft
 Depth- 2 to 6 inches (Minor ponded area to 1 ft)

WATER SOURCE: Largely surface run off. Some seep-type springs.

DIRECTIONS TO SITE: Head north from Forks on Hwy 101. Turn left just beyond m.p. 193 (1.0 mile north of Forks) onto the La Push Rd. Proceed west on the La Push Rd approx. 5.0 miles then turn left onto the G-3000 Rd (ITT Rayonier). Follow the G-3000 approx. 0.6 miles until coming to a bridge which crosses the Bogachiel. Take the first left after crossing the bridge. Continue on this road (crossing over the ridge) until coming to the Weeden Creek bridge. Turn right after crossing the bridge. Continue up and over the hill to the end of the road. B-L3-03 lies just north and east of end of the road.

FISH ACCESS AND CURRENT USE: No fish were seen. Flow goes subsurface for about 10 m just up from the mouth. This appears to greatly restrict fish access. Old grade 420 m above mouth is impassable to fry.

FLOODING POTENTIAL: Low.

LANDOWNER: Unknown at this time. Possibly ITT Rayonier.

COMMENTS & RECOMMENDATIONS: B-L3-03 is a RB trib to channel B-L3-02 entering about 5 m up from its mouth. The lower 50 to 75 m of B-L3-03 is very deeply incised. Channel width in this lower reach is 1 to 2 ft with banks in excess of 10 ft. Water flows subsurface for a distance of 10 m near the mouth. Some minor (shallow) ponding was seen along the middle reaches of the channel. An old grade crosses about 420 m above the mouth. Lack of a culvert creates an impass and has caused a long, shallow pond to form upstream of the old grade.

In the upper reaches the channel becomes very braided, shallow and poorly defined. This upper area is heavy in marsh grass and skunk cabbage. Small amounts of water seem to flow in from many directions.

B-L3-03 appears susceptible to drying up during winter dry spells. If the channel is seen to maintain flow throughout the winter, however, it could be a very good candidate for beaded channel construction. Opening of the area of underground flow near the mouth would allow fish access up to the old grade crossing (i.e. the lower 420 m). The old grade could easily be excavated permitting fish access to the entire channel. Need to monitor channel during drier periods. Present flow may be above average due to recent rainfall.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Bogachiel

Channel No.: B-L3-03
Site Name: Weeden Bottom #2
WRIA: 20.0174E

DATE: 8/29/89

OBSERVER:

Mouth is dry, but water shows about 15 feet up the channel.

DATE: 12/18/89

OBSERVER:

Just a trickle at mouth. No rain for 2 weeks.

DATE: 4/3/90 - 4/4/90

OBSERVER: Mosley

The trap was baited with sugar cured salmon roe and set on the pond bottom in 1 ft of water, amongst woody debris. Overhead shade and cover has not recovered yet since logging.

This channel was dry except for a small "wetted area" above an old road berm 420 m upstream from its mouth. I installed a trap in this spot and captured six coho ranging in length between 115 mm & 130 mm. These fish were highly smolted and ready to leave the system, however the road berm was a barrier. I returned to this spot several days later with an electrofisher and rescued three additional coho. All fish were released in the Bogachiel. This channel appears to have excellent instream and bankside cover when it is flowing. Overhead cover is sparse since the channel runs through young conifer reproduction. The road berm needs to be opened to prevent stranding. Chris Byrnes is going to address this problem.

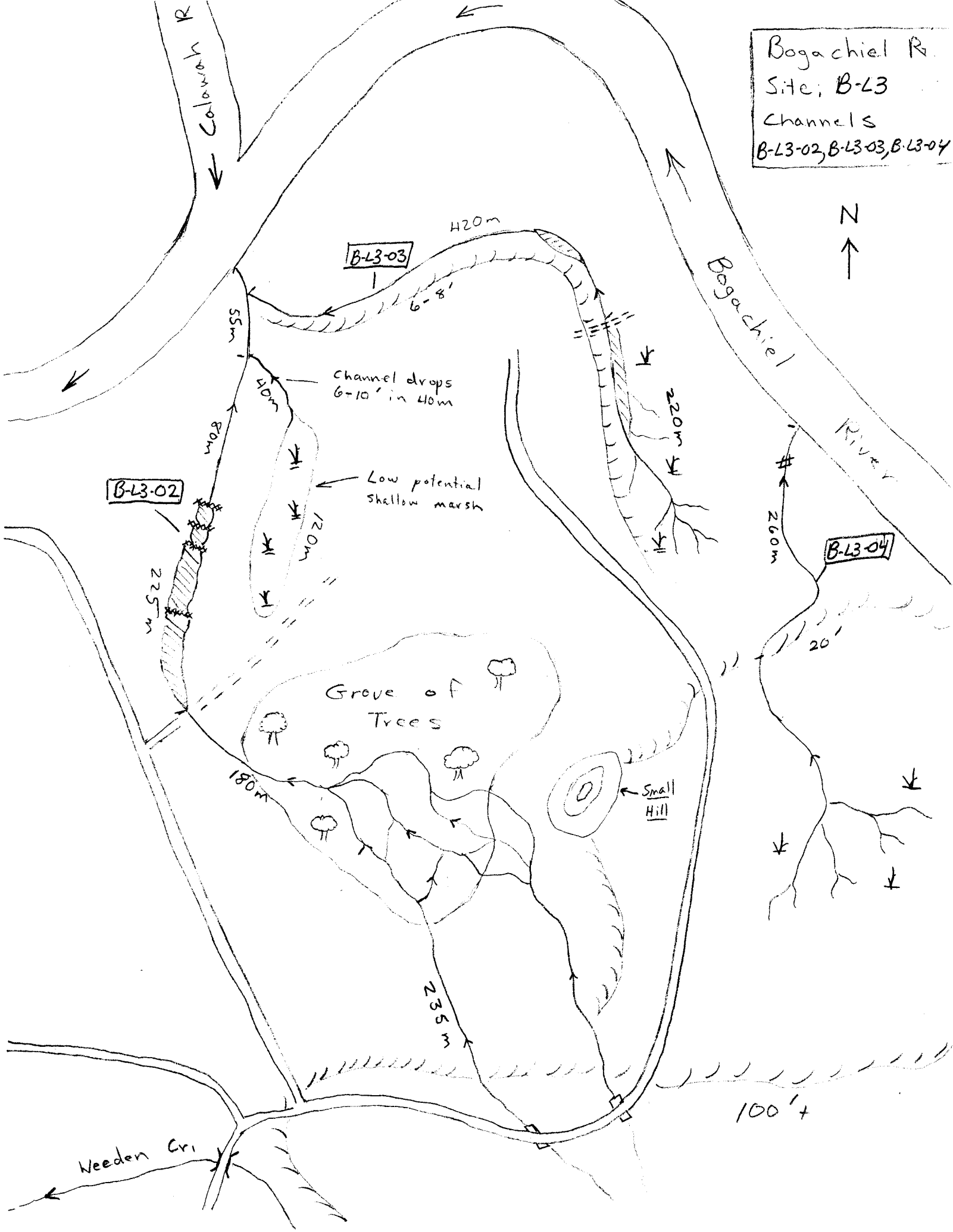
MINNOW TRAPPING REPORT

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	COHO	CATCH			COTTID
						TROUT RBT	CUTT	0+	
1	4/3	12.0°C	4/4	8.5°C	6	0	1	0	0
TOTALS:					6	0	1	0	0

Ave. lgth = 119 mm

Bogachiel R.
Site: B-L3
Channels
B-L3-02, B-L3-03, B-L3-04

N
↑



Bogachiel River

Overview map

Site: B-L3

Revised 4/97

